

AMENDMENTS TO THE SPECIFICATION

The last paragraph from page 14, line 22 through page 15, line 10:

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Also present on both sides are signal regenerators 316 (side 1) and 332 (side 2). As previously explained, these regenerators are used to reconstruct signals which may have been attenuated or distorted over a previous network segment. In certain embodiments of the present invention, the side 1 regenerator 316 can be selectably disabled (or bypassed), by a switch 317, so that the signal to the local T1 span is not regenerated. Previous extension repeaters included regeneration towards the local T1 span (i.e. side 1). As noted previously, the present inventive repeater 110 provides regeneration in both directions using the regenerators 316 and 332. However, if legacy operation of the repeater 110 is desired, then the side 1 regenerator 316 can be selectively disabled. If the side regenerator 316 is not enabled then the signals reaching the NIU (Fig. 1, 120) may be too weak to be received error-free; when the regenerator [336] 332 is enabled, the present inventive repeater 110 prevents this problem from occurring.